



International Civil Aviation Organization

**Fifteenth Meeting of the APANPIRG ATM/AIS/SAR Sub-Group
(ATM/AIS/SAR/SG/15)**

Bangkok, Thailand, 25 – 29 July 2005

Agenda Item 10: Any other business

MET/ATM COORDINATION SEMINAR

(Presented by the Secretariat)

SUMMARY

This paper presents information on the preparation of a MET/ATM coordination seminar for ASIA/PAC Region to be held in early 2006 to discuss the requirements for MET support to the new CNS/ATM systems.

1. INTRODUCTION

1.1 It is recalled that the Fifth Meeting of CNS/MET Sub-Group of APANPIRG, Bangkok, July 2001 established a MET/ATM Task Force to investigate the MET requirements for ATM.

1.2 The terms of reference of the Task Force (TF) are:

- a) Evaluate the current and future requirements for MET in support of ATM in the ASIA/PAC Region and provide guidance material to assist States to develop MET services to meet these requirements.
- b) Monitor the emerging capabilities and developments of MET and as necessary update regional plans for the implementation of MET services and facilities.
- c) Promote communication between MET and ATM communities in the ASIA/PAC Region to enhance the level of understanding of MET requirements and capabilities in support of ATM.
- d) Report to the CNS/MET Sub-group of APANPIRG for further co-ordination through the ICAO Secretariat with other relevant bodies

1.3 The MET/ATM TF has conducted several regional surveys and has successfully completed one of its major tasks, i.e., the preparation of Chapter 11, Meteorology, of the *Asia/Pacific Regional Plan for the New CNS/ATM Systems*, which is available at:

http://www.icao.int/apac/edocs/cns_atm_systems.pdf

1.4 As a follow up of APANPIRG Conclusion 14/45, *Fostering of exchanges between MET and ATM*, which called *inter alia* that, ICAO be invited, in coordination with WMO, to organize a MET/ATM coordination seminar in ASIA/PAC Region in 2004, the MET/ATM TF has been involved in the preparation of this seminar. A draft program has been developed and is provided in the Attachment to this paper.

2. DISCUSSION

2.1 The CNS/MET SG/9 meeting held in Bangkok from 11 to 15 July 2005, reviewed the status of preparation of the seminar. It was noted that the delay in organizing the said seminar was due to the need for coordination between the ICAO and the WMO with the expectation for some financial support by WMO to assist participants from the developing States. However, it was clarified that the WMO was supporting other training events in the region and receiving support for the MET/ATM coordination seminar was not likely.

2.2 Noting the importance of the MET/ATM coordination in further developing of the MET component of the CNS/ATM systems in the Region, the CNS/MET SG/9 meeting agreed that the seminar should be held regardless the availability of WMO financial support. It was proposed to hold the seminar at the ICAO Regional Office in early 2006 (tentatively scheduled for mid February) with a duration of 3 to 4 days.

2.3 CNS/MET SG/9 meeting stressed also on the need for adequate participation of both MET and ATM communities in the seminar to ensure successful exchange of views and ideas. Therefore, the Secretariat was invited to inform the ATM/AIS /SAR Sub-group and coordinate the programme and dates for the seminar.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information provided on the plans for the MET/ATM coordination seminar in 2006; and
- b) support the opinion of the CNS/MET SG/9 for an adequate ATM participation in the seminar.

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**Regional Seminar on MET/ATM coordination
Xx to xx February, 2006, ICAO Regional Office, Bangkok**

Provisional Agenda

- Agenda Item 1:** Organisation of Air Traffic Management and Meteorological services by the States:
- 1) Authorities and Providers
 - 2) Current and proposed organisational frameworks and consultative mechanisms
- Agenda Item 2:** ICAO Annexes and guidance materials relating to MET and ATM coordination arrangements
- 1) Annex 3 SARPS relating to ATM
 - 2) Annex 11 SARPS and PANS-ATM (Doc 4444) relating to MET
 - 3) Doc 9377 (Manual on Coordination between ATS, AIS and Aeronautical MET services)
- Agenda Item 3:** Meteorological Impacts on ATM:
- 1) En-route – Large-scale Weather Deviations
 - 2) Terminal Area
- MET information for Air Traffic Flow Management
- Agenda Item 4:** Use of MET by ATM:
- 1) Current practices
 - 2) Limitations of MET information (uncertainty) and the resources required to provide a particular level of service
- Agenda Item 5:** Future requirements – MET component of the CNS/ATM systems:
- 1) ATM developments requiring additional MET information
 - 2) Tailored products
 - 3) Products under development